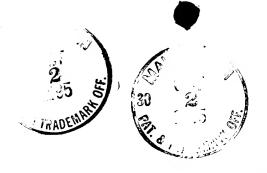


PATENT 214/076



## SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT:

Andrew C. Hiatt

Floyd Rose

(ii) TITLE OF INVENTION:

3' PROTECTED NUCLEOTIDES

FOR ENZYME CATALYZED

TEMPLATE-INDEPENDENT CREATION

OF PHOSPHODIESTER

BONDS

(iii) NUMBER OF SEQUENCES:

8

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE:

Lyon & Lyon

(B) STREET:

633 West Fifth Street

Suite 4700

(C) CITY:

Los Angeles

(D) STATE:

California U.S.A.

(E) COUNTRY: (F) ZIP:

90071

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE:

3.5" Diskette, 1.44 Mb

storage

(B) COMPUTER:

IBM Compatible

(C) OPERATING SYSTEM:

IBM P.C. DOS 5.0

(D) SOFTWARE:

Word Perfect 5.1

(vi) CURRENT APPLICATION DATA:

- (A) APPLICATION NUMBER:
- (B) FILING DATE:
- (C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:
 Prior applications total,
 including application
 described below:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Guise, Jeffrey W.

(B) REGISTRATION NUMBER: 34,613

(C) REFERENCE/DOCKET NUMBER: 207/145

## (ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (619) 552-8400 (B) TELEFAX: (619) 552-0159

(C) TELEX: 67-3510

(2) INFORMATI	ON FOR	SEQ ID NO: 1	:			
(i)	(i) SEQUENCE CHARACTERISTICS:					
	(C)	LENGTH: TYPE: STRANDEDNESS: TOPOLOGY:	12 nucleic acid single linear			
(ix)	Featu	Features:				
•	(D)	Other Information	on: base number 1	2 is m7g		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:						
cccccccc cg				12		
(3) INFORMATION FOR SEQ ID NO: 2:						
(i)	SEQUENCE CHARACTERISTICS:					
		LENGTH: TYPE: STRANDEDNESS: TOPOLOGY:	19 nucleic acid single linear			
(ii)	SEQUE	NCE DESCRIPTION:	SEQ ID NO: 2:			
ccccccccc ccc	19					
(4) INFORMATI	ON FOR	SEQ ID NO: 3	:			
(i)	(i) SEQUENCE CHARACTERISTICS:					
		LENGTH: TYPE: STRANDEDNESS: TOPOLOGY:	20 nucleic acid single linear			
(ii)	SEQUE	NCE DESCRIPTION:	SEQ ID NO: 3:			
CTGCAGGGGG GGG	20					

(5)	INFORMATI	ON FOR	SEQ ID NO: 4	:		
	(i) SEQUENCE CHARACTERISTICS:					
		(A) (B) (C) (D)	STRANDEDNESS:	9 nucleic acid single linear		
	(ii)	SEQUE	NCE DESCRIPTION:	SEQ ID NO: 4:		
CCCC	CCCCC				9	
(6)	INFORMATI	ON FOR	SEQ ID NO: 5	:		
	(i)	SEQUE	NCE CHARACTERIST	ICS:		
		(A) (B) (C) (D)	TYPE: STRANDEDNESS:	9 nucleic acid single linear		
	(ii)	SEQUE	NCE DESCRIPTION:	SEQ ID NO: 5:		
GGGG	GGGGG				9	
( <del></del>						
(7)	INFORMATIO	ON FOR	SEQ ID NO: 6	:		
	(i)	SEQUE	NCE CHARACTERIST	ICS:		
		(A) (B) (C) (D)	TYPE: STRANDEDNESS:	5 nucleic acid single linear		
	(ii)	SEQUE	NCE DESCRIPTION:	SEQ ID NO: 6:		
CTGC	A				5	
(8)	INFORMATIO	ON FOR	SEQ ID NO: 7	:		
	(i)	SEQUE	NCE CHARACTERIST	ICS:		
		(A) (B) (C)	LENGTH: TYPE: STRANDEDNESS:	9 nucleic acid single		

		(D)	TOPOLOGY:	linear		
	(ii)	SEQUE	NCE DESCRIPTION:	SEQ ID NO: 7:		
CTGC	ATGCA				9	
(9) INFORMATION FOR SEQ ID NO: 8:						
	(i) SEQUENCE CHARACTERISTICS:					
		(A) (B) (C) (D)	STRANDEDNESS:	10 nucleic acid single linear		
	(ii)	SEQUE	NCE DESCRIPTION:	SEQ ID NO: 10:		
CTGCATGCAG						